

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the present Application are shown below in numerical order whether or not an amendment has been made and applying the revised amendment practice of 37 CFR 1.121 – IFW Final Rule.

1. (Currently Amended) A communication system, comprising:
 - a central processor ~~operable to transmit data packets and control packets;~~
 - a signal processor ~~transmit/receive module operable to receive the data packets and the control packets and transmit the data packets and control packets to one of a plurality of terminal units;~~
 - a first communication bus ~~coupling~~ forming a first path of communication between the central processor ~~to~~ and the ~~transmit/receive module~~ signal processor ~~for communication of the data packets and the control packets; and~~
 - a second communication bus forming a second path of communication between the central processor and the signal processor;
 - ~~a plurality of terminal unit control modules coupled with the central processor, each terminal unit control module operable to control at least partially the operation of a respective one of the plurality of terminal units~~
 - wherein the central processor is operable to transmit and receive data packets using the first communication bus; and
 - wherein the central processor is further operable to transmit and receive control packets using the second communication bus.

withdraw final

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3. (Currently Amended) ~~The communication system of Claim 2, A~~
communication system, comprising:

a central processor operable to transmit data packets and control packets;

a transmit/receive module operable to receive the data packets and the control packets and transmit the data packets and control packets to one of a plurality of terminal units;

a communication bus coupling the central processor to the transmit/receive module for communication of the data packets and the control packets;

a plurality of terminal unit control modules coupled with the central processor, each terminal unit control module operable to control at least partially the operation of a respective one of the plurality of terminal units;

a script module coupled with at least one of the terminal unit control modules;

wherein the script module is operable to determine the content of the control packets; and

wherein the script module defines a plurality of states available to at least one of the terminal units, and the control packets include control information corresponding with at least one of the states.

4. (Currently Amended) ~~The communication system of Claim 2,~~ A communication system, comprising:

a central processor operable to transmit data packets and control packets;

a transmit/receive module operable to receive the data packets and the control packets and transmit the data packets and control packets to one of a plurality of terminal units;

a communication bus coupling the central processor to the transmit/receive module for communication of the data packets and the control packets;

a plurality of terminal unit control modules coupled with the central processor, each terminal unit control module operable to control at least partially the operation of a respective one of the plurality of terminal units;

a script module coupled with at least one of the terminal unit control modules;

wherein the script module is operable to determine the content of the control packets; and

wherein the script module defines a plurality of subroutines available to at least one of the terminal units, and the control packets include control information corresponding with at least one of the subroutines.

5. (Currently Amended) The communication system of Claim 1, further comprising:

a plurality of terminal units;

a plurality of terminal unit control modules coupled with the central processor, each terminal unit control module operable to control at least partially the operation of a respective one of the plurality of terminal units;

a terminal unit behavior script module coupled with at least one of the terminal unit control modules, the terminal unit behavior script module defining a plurality of subroutines available to at least one of the terminal units; and

wherein the control packets include information corresponding with at least one of the subroutines.